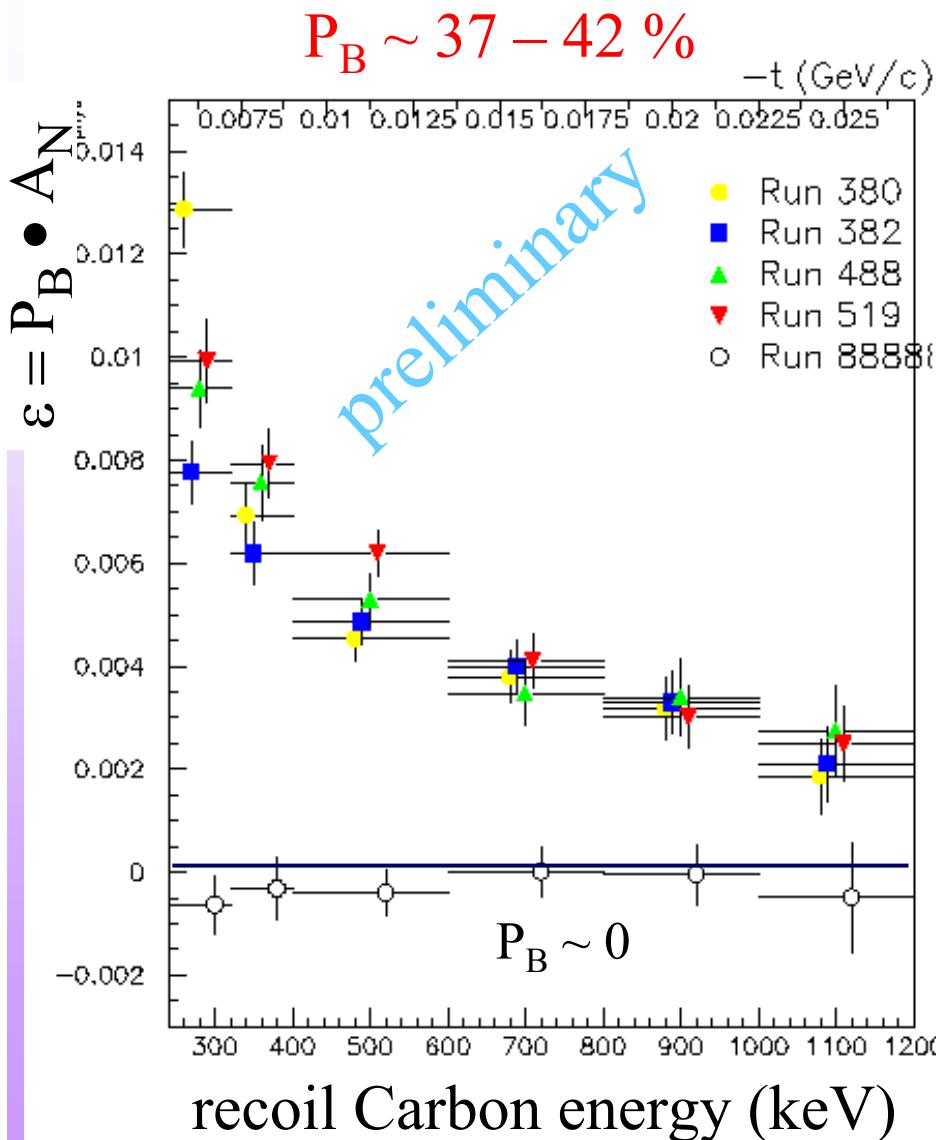


# $p \uparrow C$ raw asymmetry at 24.7 GeV



CIPANP 2003

Alessandro Bravar

$$P_{beam} = \frac{1}{\langle A_N \rangle} \cdot \mathcal{E}_N$$

$$\langle A_N \rangle = \frac{\sum N(t_i) A_N^{th}(t_i)}{\sum N(t_i)}$$

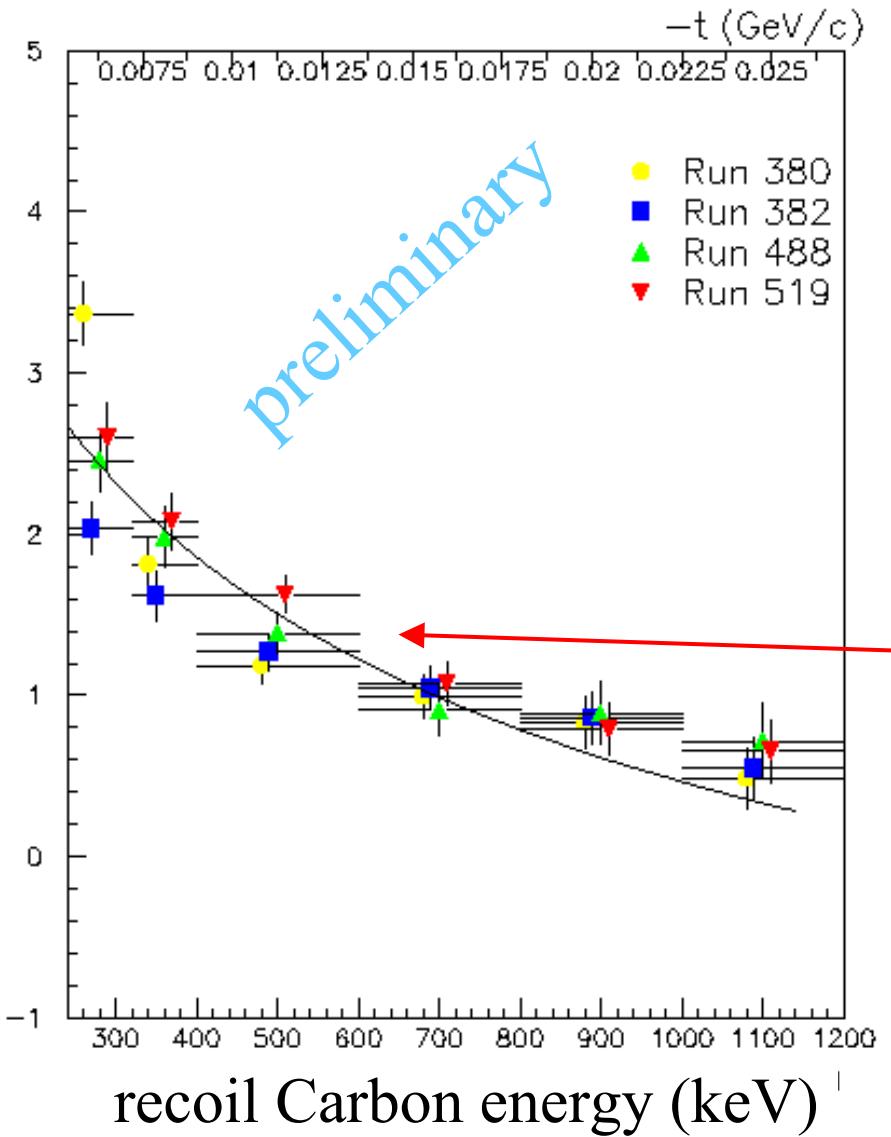
calculated over several  $t$  bins

$A_N^{th}$  from a fit to E950 data  
L. Trueman hep-ph/0305085

$$\langle A_N \rangle = 1.12$$

$$0.009 < |t| < 0.022$$

# $A_N: p\uparrow C \rightarrow pC$ at 24.7 GeV/c

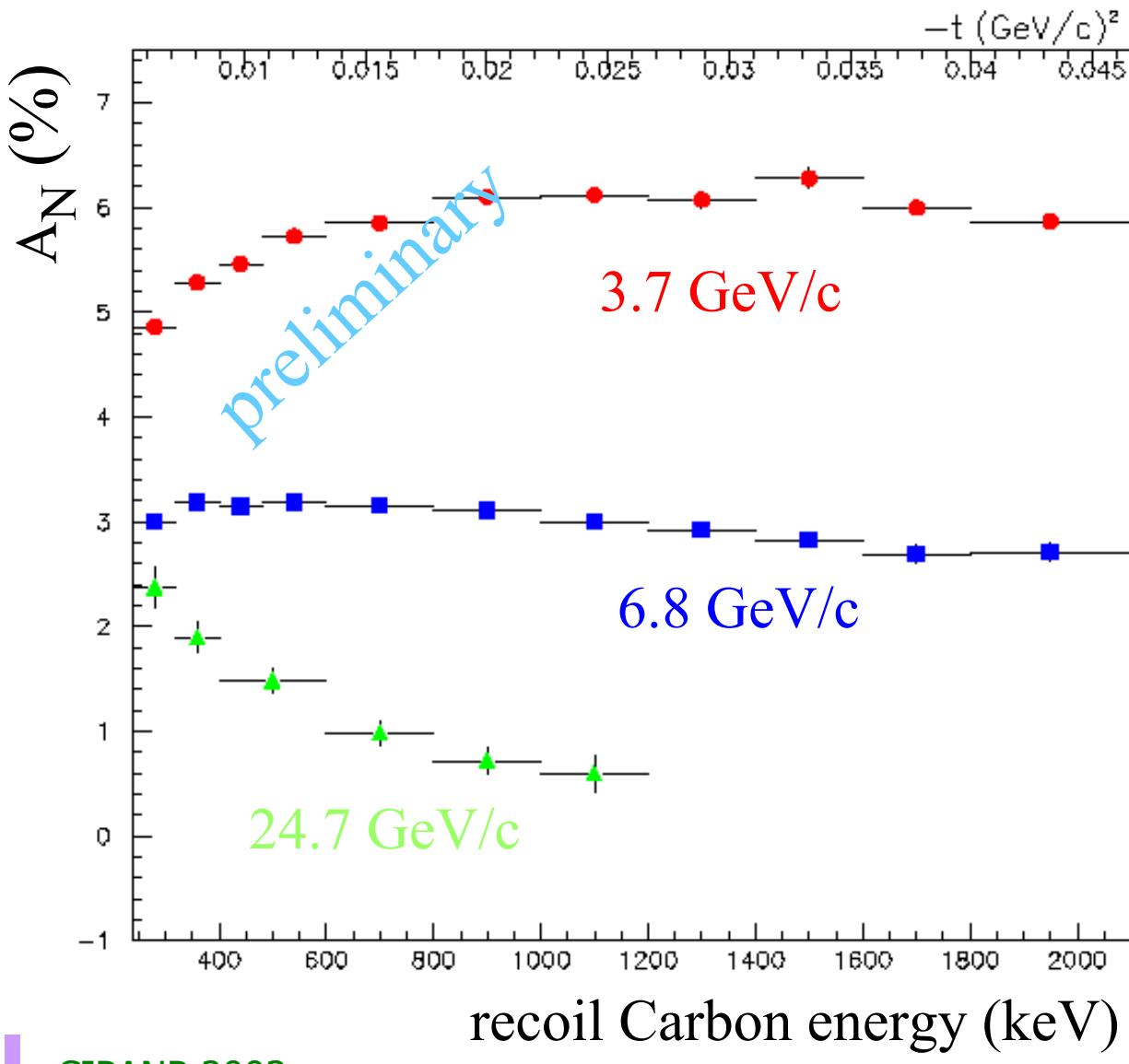


- only statistical errors shown
- normalization error (i.e.  $P_B$ )  
~ 25% (relative)
- systematic error  
< 20% (relative)

Fit to E950 data  
L. Trueman hep-ph/0305085

no time to fit these data yet  
Similar behavior =>  
Confirmed hadronic spin flip

# $A_N: p\uparrow C \rightarrow pC$ at 3.7 & 6.8 GeV/c



# RHIC AN

- not ready yet

# AGS Polarization during acceleration

